

R307. Environmental Quality.

R307-503. Oil and Gas Industry Flares.

R307-503-1. Purpose.

R307-503 establishes conditions to ensure that flares used in the oil and gas industry are operated effectively.

R307-503-2. Definitions.

“Auto igniter” means a device which will automatically attempt to relight the pilot flame in the combustion chamber of a control device in order to combust volatile organic compound emissions.

R307-503-3. Applicability.

(1) R307-503 applies to all oil and gas exploration and production operations, well sites, natural gas compressor stations, and natural gas processing plants in Utah.

(2) R307-503 does not apply to oil refineries.

R307-503-3. Auto-Igniters.

(1) All combustion devices used as air pollution control equipment to reduce emissions of volatile organic compounds shall be equipped with and shall operate an auto-igniter as follows:

(a) for all combustion devices constructed or modified on or after [January 1, 2014], auto-igniters shall be installed and operational upon installation of the combustion device;

(b) for all combustion devices located in Duchesne County or Uintah County constructed or modified before [January 1, 2014], auto-igniters shall be installed and operational beginning [January 1, 2015];

(c) for all combustion devices located in other areas of Utah constructed or modified before [January 1, 2014], auto igniters shall be installed and operational beginning [January 1, 2017].

(2) The combustion device or flare shall operate with no visible emissions. Visible emissions shall be determined by 40 CFR 60, Appendix A, Method 22.